

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Commissioner for Patents  
Alexandria, Virginia  
U.S.A.

USSN: 10/773,176

Title: MUTUAL SOLVENT SYSTEM AND METHOD FOR IMPROVED OIL AND GAS  
PERMEABILITY

Inventor: Shaun T. Mesher

Filing date: February 9, 2004

Applicant requests an extension of time of 1 month to reply to the official action dated October 8, 2009 and has enclosed the required fee.

In response to the official action dated October 8, 2009, please amend the above identified application as follows:

**Amendments to the claims** are contained in the listing of claims which begins on page 2 of this paper.

**Amendments to the specification** are contained in the revised paragraphs beginning on page 6 of this paper.

**Remarks/arguments** begin on page 7 of this paper.